

Facility Planning: Storm Drains -- No. 508180

Category
Agency
Planning Area
Relocation Impact

Conservation of Natural Resources
Public Works & Transportation
Countywide
None

Date Last Modified
Previous PDF Page Number
Required Adequate Public Facility

January 2, 2004
15-10(03 App)
NO

EXPENDITURE SCHEDULE (\$000)

Cost Element	Total	Thru FY03	Est. FY04	Total 6 Years	FY05	FY06	FY07	FY08	FY09	FY10	Beyond 6 Years
Planning, Design and Supervision	3,626	2,065	361	1,200	200	200	200	200	200	200	0
Land	27	27	0	0	0	0	0	0	0	0	0
Site Improvements and Utilities											
Construction	29	29	0	0	0	0	0	0	0	0	0
Other	2	2	0	0	0	0	0	0	0	0	0
Total	3,684	2,123	361	1,200	200	200	200	200	200	200	*

FUNDING SCHEDULE (\$000)

G.O. Bonds	101	101	0	0	0	0	0	0	0	0	0
Current Revenue:											
General	3,583	2,022	361	1,200	200	200	200	200	200	200	0

ANNUAL OPERATING BUDGET IMPACT (\$000)

DESCRIPTION

This project provides for the investigation and analysis of various storm drainage assistance requests initiated by private citizens and public agencies. These requests are related to the design, construction, and operation of public drainage facilities where flooding and erosion occur. This project includes expenditures for the preliminary and final design and land acquisition for storm drain projects prior to inclusion in the Storm Drain General project, or as a stand-alone project in the CIP. Prior to its inclusion in the CIP, the Department of Public Works and Transportation (DPWT) will conduct a feasibility study to determine the general and specific features required for the project. Candidate projects currently are evaluated from the "Drainage Assistance Request" list. As part of the facility planning process, DPWT considers citizen and public agency requests and undertakes a comprehensive analysis of storm drainage issues and problems being experienced in the County. This analysis is used to select areas where a comprehensive long-term plan for the remediation of a problem may be required. No construction activities are performed in this project. When a design is 35% complete, an evaluation is performed to determine if right-of-way is needed. Based on the need for right-of-way, the project may proceed to final design and the preparation of right-of-way plats under this project. The cost of right-of-way acquisition will be charged to the Advanced Land Acquisition Revolving Fund (ALARF). When designs are complete, projects with a construction cost under \$500,000 will be constructed in the Storm Drain General project. Projects with a construction cost over \$500,000 will be constructed in stand-alone projects.

Service Area

Countywide.

Capacity

Analysis and proposed designs are generally based on accommodation of the runoff from a ten-year storm frequency interval.

Plans and Studies

DPWT prepares studies and plans according to the requirements of each case. Some funds from this project will go to support the Renew Montgomery program.

Specific Data

There is a continuing need for the development of accurate cost estimates and an exploration of alternatives for proposed projects. In 1968, WSSC transferred responsibility for the construction and maintenance of all public storm drain facilities to Montgomery County. Since that time, a steady flow of requests from private residents and public agencies has been received, averaging 53 per year for the last 5 fiscal years.

Cost Change

Increase due to the addition of FY09-10 to this ongoing project.

STATUS

Ongoing

OTHER

Before being added as a sub-project, concept studies are evaluated based on the following factors: Public safety, damage to private property, frequency of event, damage to public right of way, environmental factors such as erosion, general public benefit, availability of right of way and 5:1 benefit cost ratio. In the case of the public safety or severe damage to private property, the 5:1 benefit (damage prevented) cost ratio can be waived. Drainage assistance requests are evaluated on a continuing basis in response to public requests. DPWT maintains a database of complaints. Potential projects requiring design include: Brink Road at MD 355, Conway Road, Sunny View Court, Virginia View Court, and Founders Way/Cornerstone Lane. Studies from Chronic Roadway Flooding Report include: Blunt Road, Warfield Road, Riffle Ford Road, Game Preserve Road, Kensington Parkway, and Log House Road. *Expenditures will continue indefinitely.

APPROPRIATION AND EXPENDITURE DATA

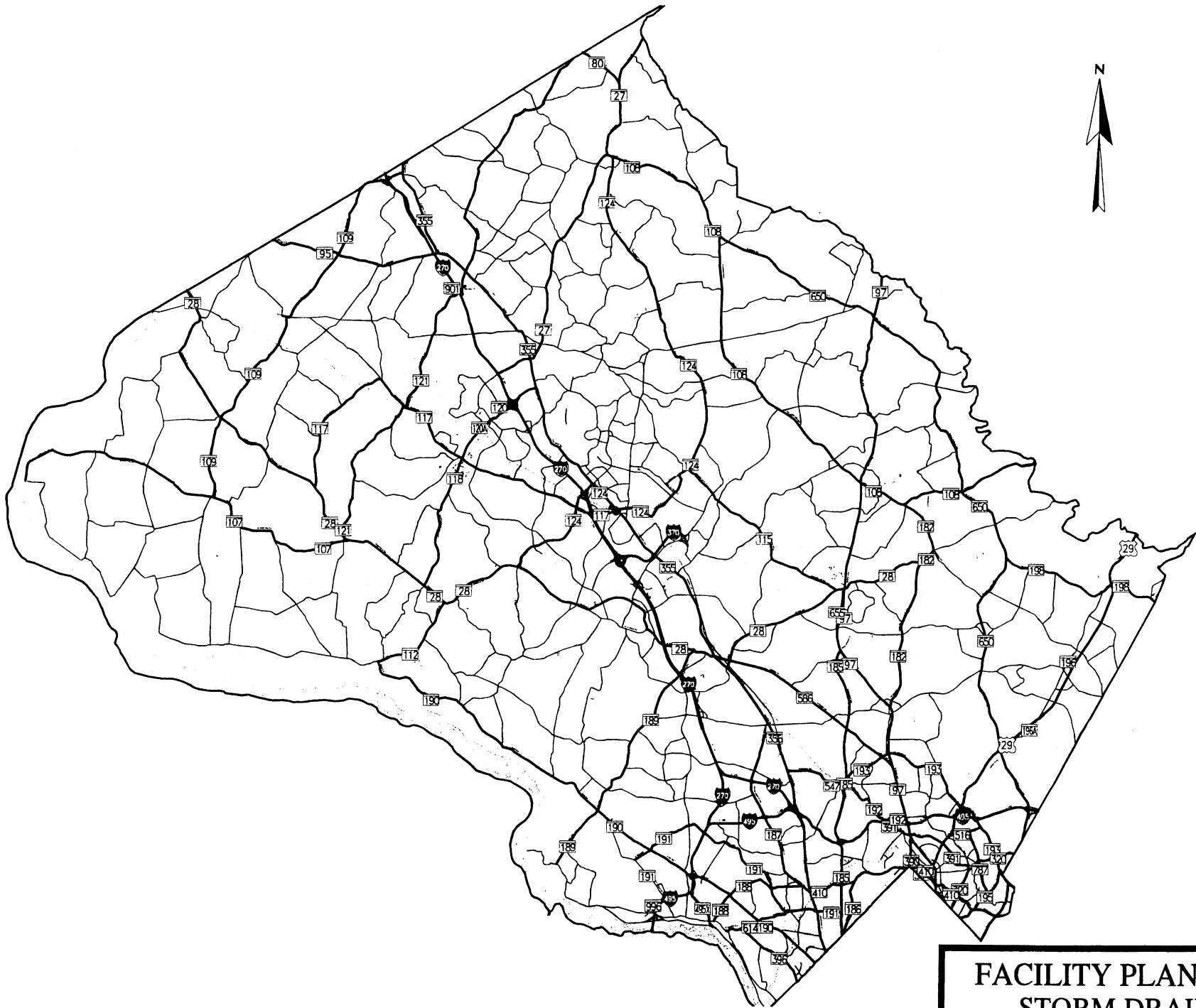
Date First Appropriation	FY81	(\$000)
Initial Cost Estimate		156
First Cost Estimate		
Current Scope	FY03	3,284
Last FY's Cost Estimate		3,284
Present Cost Estimate		3,684
Appropriation Request	FY05	200
Appropriation Request Est.	FY06	200
Supplemental		
Appropriation Request	FY04	0
Transfer		0
Cumulative Appropriation		2,484
Expenditures/ Encumbrances		2,210
Unencumbered Balance		274
Partial Closeout Thru	FY02	0
New Partial Closeout	FY03	0
Total Partial Closeout		0

COORDINATION

Department of Environmental Protection
Maryland State Highway Administration
Storm Drain General project
Utility Companies
Department of Permitting Services
ALARF

MAP

See Map on Next Page



FACILITY PLANNING
STORM DRAINS